

4328.64682

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

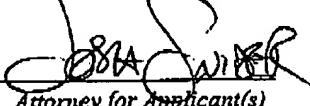
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Applicant: Takeda et al.  
 Serial No.: 09/679,455  
 Conf. No.: 7544  
 Filed: October 4, 2000  
 For: VERTICALLY-ALIGNED  
 (VA) LIQUID CRYSTAL  
 DISPLAY DEVICE  
 Patent No. N/A  
 Issue Date N/A  
 Art Unit 2817  
 Examiner Nguyen, D.

FEB 14 2006

I hereby certify that this paper is being transmitted  
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 Alexandria, VA 22313-1450 (703) 746-4644, on this  
 date.

February 14, 2006  
 Date

  
 Attorney for Applicant(s)

Registration No. 47,954

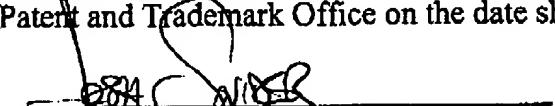
FACSIMILE NO.: (571)273-8300

Number of pages including this Certification: 15

Description: The following is a Substitute Information Disclosure Statement (in  
 duplicate), Substitute Form PTO 1449, copies of foreign references, and  
 Certificate of Facsimile Transmittal.

FROM: Josh C. Snider  
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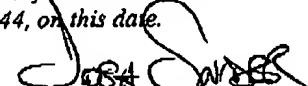
PATENT

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In Re U.S. Patent Application )  
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 Filed: October 4, 2000 )  
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 (VA) LIQUID CRYSTAL )  
 DISPLAY DEVICE )  
 )  
 Art Unit: 2871 )  
 )  
 Examiner: Nguyen, D. )

*I hereby certify that this paper is being transmitted via facsimile to the Commissioner for Patents, Alexandria, VA 22313-1450, (703) 746-4644, on this date.*

February 14, 2006  
Date

  
Lisa Sanders  
Registration No. 47,954

*Attorney for Applicant*

SUBMISSION OF SUBSTITUTE INFORMATION DISCLOSURE STATEMENT

Mail Stop Petition  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby submit a Substitute Information Disclosure Statement (“IDS”) and Substitute Form PTO-1449 to replace the IDS and Form PTO-1449 filed on January 27, 2006. In the January 27, 2006 papers, Applicants inadvertently listed reference number JP 7-333617 as JP 7-333671. Additionally, the substitute IDS lists reference to JP 02-035416, which was inadvertently omitted from the January 27, 2006 Form PTO 1449. The Examiner will please note, however, that the copy of the Japanese Office Action, which was included with the January 27, 2006 IDS, did list reference JP 02-035416.

Applicants resubmit herewith all cited references. Applicants respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art. It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

Applicants submit that no additional fees should be necessary to have this paper entered. The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

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Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



Josh C. Snider  
Registration No. 47,954

## SUBSTITUTE FORM PTO-1449

FEB 14 2006

Sheet 1 of 2

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office		Attorney Docket No.: 4328.64682	Serial No.: 09/679,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant: Takeda et al.	
		Filing Date: October 4, 2000	Group: 2871

## U.S. PATENT DOCUMENTS

Examiner Initials*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,385,806	May 31, 1983	Fergason			
	4,701,028	Oct. 20, 1987	Clerc			
	4,786,147	Nov. 22, 1988	Clerc			
	4,889,412	Dec. 26, 1989	Clerc			
	5,579,140	Nov. 26, 1996	Yamahara			
	5,745,206	April 28, 1998	Koike			
	5,907,380	May 25, 1999	Lien			
	6,288,762	Sept. 11, 2001	Sasaki			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	GB 1,462,978	Jan. 26, 1977	London			Abs.	
	6-082777	March 25, 1994	Japan			Abs.	
	09-033882	Feb. 7, 1997	Japan			Abs.	
	02-035416	Feb. 2, 1990	Japan			Abs.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Soref et al.; "Electrically Controlled Birefringence of Thin Nematic Films," Journal of Applied Physics, Vol. 43, Bi, 5, May 1972, pp. 2029-2037.

Examiner \_\_\_\_\_ Date Considered \_\_\_\_\_

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**SUBSTITUTE FORM PTO-1449**

Sheet 2 of 2

Form PTO-1449 (Rev. 8-88)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: 4328.64682	Serial No.: 09/679,455
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						Yes	No
	04-251285	Sept. 7 1992	Japan			Abs.	
	07-120767	May 12, 1995	Japan			Abs.	
	08-022023	Jan. 23, 1996	Japan			Abs.	
	08-095054	April 12, 1996	Japan			Abs.	
	07-333617	Dec. 22, 1995	Japan			Abs.	
	08-043825	Feb. 16, 1996	Japan			Abs.	
	60-256121	Dec. 17, 1985	Japan			*X	
	WO97/012275	April 3, 1997	WIPO			**X (and Abs.)	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


**Examiner** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

\*Examiner: Initial if citation  
if not in cor